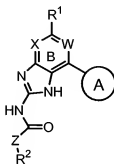


IN THE CLAIMS

Please replace all prior versions and listings of claims with the amended claims as follows:

1. (Previously presented) A compound of formula I:



I

or a pharmaceutically acceptable salt thereof, wherein:

W is selected from CH or CF;

X is selected from CH or CF;

Z is O or NH;

R¹ is phenyl or a 5-6 membered heteroaryl ring having 1-3 heteroatoms independently selected from oxygen, nitrogen, or sulfur, wherein:

R¹ is substituted with 0-3 groups independently selected from -(T)_y-Ar, R', oxo, C(O)R', CO₂R', OR', N(R')₂, SR', NO₂, halogen, CN, C(O)N(R')₂, NR'C(O)R', SO₂R', SO₂N(R')₂, or NR'SO₂R';

y is 0 or 1;

T is a straight or branched C₁₋₄ alkylidene chain, wherein one methylene unit of T is optionally replaced by -O-, -NH-, or -S-;

each R' is independently selected from hydrogen, C₁₋₄ aliphatic, or a 5-6 membered saturated, unsaturated, or aryl ring having 0-3 heteroatoms independently selected from nitrogen, oxygen, or sulfur, wherein:

R' is substituted with 0-3 groups independently selected from halogen, oxo, R⁰, N(R⁰)₂, OR⁰, CO₂R⁰, NR⁰C(O)R⁰, C(O)N(R⁰)₂, SO₂R⁰, SO₂N(R⁰)₂, or NR⁰SO₂R⁰, wherein:
each R⁰ is independently selected from hydrogen, C₁₋₄ aliphatic, or a 5-6 membered

saturated, unsaturated, or aryl ring having 0-3 heteroatoms independently selected from nitrogen, oxygen, or sulfur, and wherein:

two substituents on adjacent positions of R¹ may be taken together to form a 5-7 membered saturated, partially unsaturated, or aryl ring having 0-3 heteroatoms independently selected from nitrogen, oxygen, or sulfur;

Ar is a 3-8 membered saturated, unsaturated, or aryl ring, a 3-7 membered heterocyclic ring having 1-3 heteroatoms independently selected from nitrogen, oxygen, or sulfur, or a 5-6 membered heteroaryl ring having 1-3 heteroatoms independently selected from nitrogen, oxygen, or sulfur, wherein:

Ar is substituted with 0-3 groups independently selected from R', oxo, CO₂R', OR', N(R')₂, SR', NO₂, halogen, CN, C(O)N(R')₂, NR'C(O)R', SO₂R', C(O)R', SO₂N(R')₂, or NR'SO₂R';

R² is selected from hydrogen or a C₁₋₃ aliphatic group; and

Ring A is a 5-6 membered heteroaryl ring having 1-4 heteroatoms independently selected from nitrogen, oxygen, or sulfur, provided that said ring has a hydrogen-bond acceptor in the position adjacent to the point of attachment to Ring B, wherein:

Ring A is substituted with 0-3 groups independently selected from R', oxo, CO₂R', OR', N(R')₂, SR', NO₂, halogen, CN, C(O)N(R')₂, NR'C(O)R', SO₂R', SO₂N(R')₂, or NR'SO₂R', and wherein:

two substituents on adjacent positions of Ring A may be taken together to form a 5-7 membered saturated, partially unsaturated, or aryl ring having 0-3 heteroatoms independently selected from nitrogen, oxygen, or sulfur.

2. (Original) The compound according to claim 1, wherein Ring A is selected from the following optionally substituted rings:



a



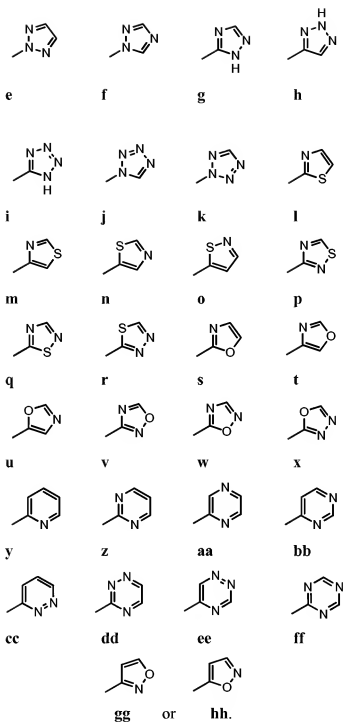
b



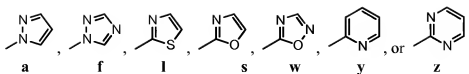
c



d



3. (Original) The compound according to claim 2, wherein Ring A is an optionally substituted ring selected from rings **a**, **f**, **l**, **s**, **w**, **y**, or **z**:



4. (Original) The compound according to claim 1, wherein:

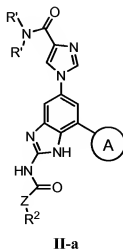
R^1 is selected from an optionally substituted phenyl or 5-6 membered heteroaryl ring having 1-2 nitrogens.

5. (Original) The compound according to claim 4, wherein R^1 is an optionally substituted ring selected from pyrid-2-yl, pyrid-3-yl, pyrid-4-yl, pyrimidin-2-yl, pyrimidin-4-yl, pyrimidin-5-yl, pyrimidin-6-yl, imidazol-1-yl, imidazol-2-yl, imidazol-4-yl, or imidazol-5-yl.

6. (Original) The compound according to claim 5, wherein R^1 is substituted with 0-2 groups independently selected from halogen, oxo, R' , CO_2R' , OR' , $N(R')_2$, SR' , $C(O)N(R')_2$, $NR'C(O)R'$, SO_2R' , $SO_2N(R')_2$, or $NR'SO_2R'$.

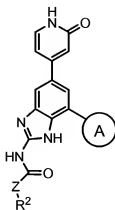
7. (Original) The compound according to claim 6, wherein R^2 is selected from methyl, ethyl, isopropyl, or cyclopropyl.

8. (Original) The compound according to claim 1, wherein said compound is of formula **II-a**:



or a pharmaceutically acceptable salt thereof.

9. (Original) The compound according to claim 1, wherein said compound is of formula **III**:

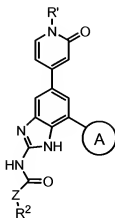


III

or a pharmaceutically acceptable salt thereof, wherein:

the pyridone ring depicted is substituted with 0-2 groups independently selected from halogen, oxo, R', CO₂R', OR', N(R')₂, SR', C(O)N(R')₂, NR'C(O)R', SO₂R', SO₂N(R')₂, or NR'SO₂R'.

10. (Original) The compound according to claim 9, wherein said compound is of formula **III-a**:



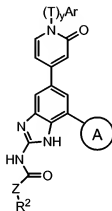
III-a

or a pharmaceutically acceptable salt thereof.

11. (Original) The compound according to claim 10, wherein:
R' is hydrogen or C₁₋₄ aliphatic, and wherein:

R' is optionally substituted with phenyl or pyridyl.

12. (Original) The compound according to claim 1, wherein said compound is of formula IV:



IV

or a pharmaceutically acceptable salt thereof.

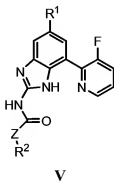
13. (Original) The compound according to claim 12, wherein Ar is an optionally substituted 5-6 membered saturated ring having 1-2 heteroatoms independently selected from oxygen, nitrogen, or sulfur.

14. (Original) The compound according to claim 12, wherein Ar is an optionally substituted 5-membered heteroaryl ring having 1-3 heteroatoms independently selected from nitrogen, oxygen, or sulfur.

15. (Original) The compound according to claim 12, wherein Ar is an optionally substituted 6-membered heteroaryl ring having 1-3 nitrogens.

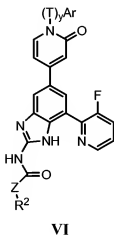
16. (Original) The compound according to claim 12, wherein Ar is optionally substituted phenyl.

17. (Original) The compound according to claim 1, wherein said compound is of formula V:



or a pharmaceutically acceptable salt thereof.

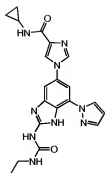
18. (Original) The compound according to claim 17, wherein said compound is of formula VI:



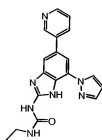
or a pharmaceutically acceptable salt thereof.

19. (Original) The compound according to any one of claims 8, 11, 12, or 17 wherein R² is ethyl.

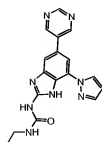
20. (Original) A compound selected from the group consisting of:



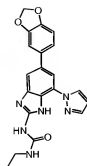
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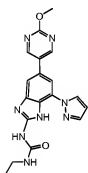
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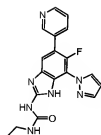
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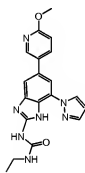
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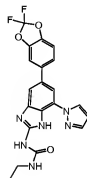
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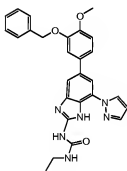
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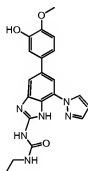
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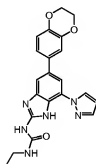
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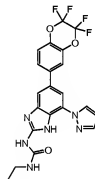
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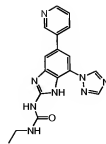
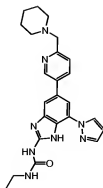
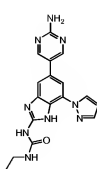
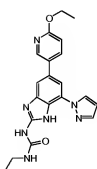
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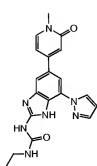
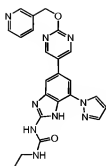
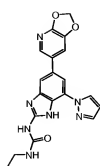
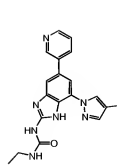
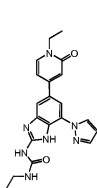
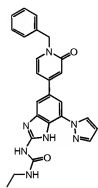
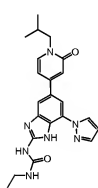
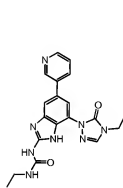
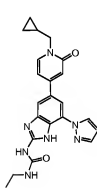
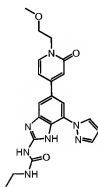
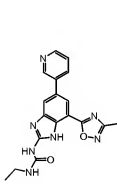
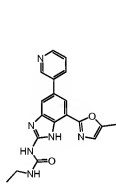
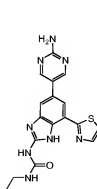
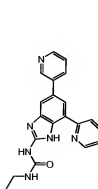
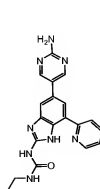
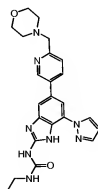


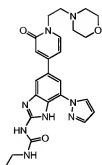
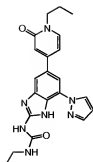
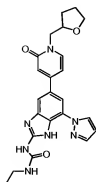
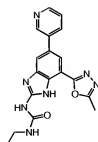
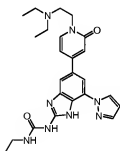
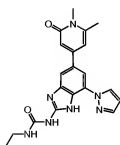
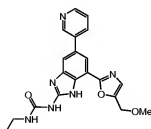
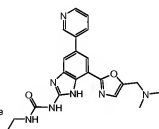
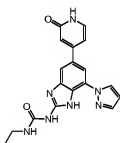
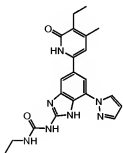
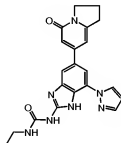
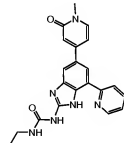
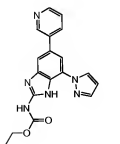
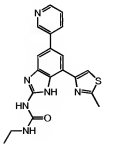
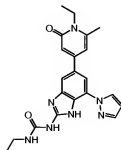
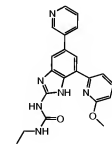
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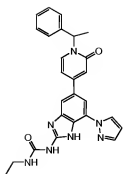


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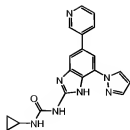


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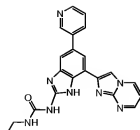
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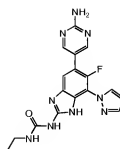
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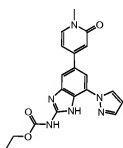
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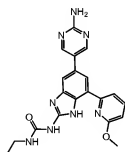
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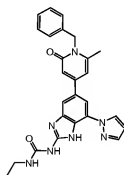
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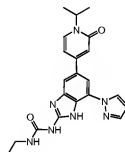
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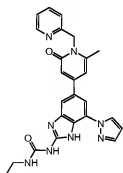
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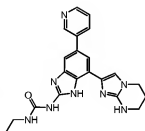
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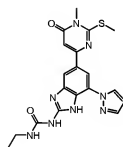
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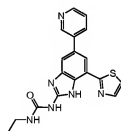
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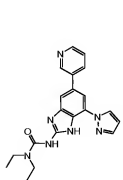
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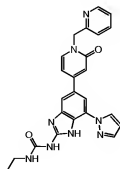
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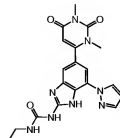
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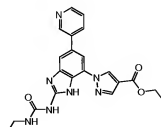
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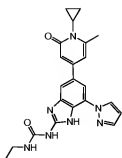
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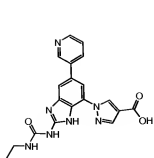
I-69



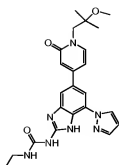
I-70



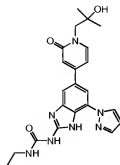
I-71



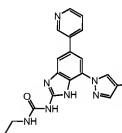
I-72



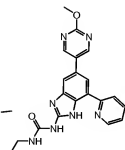
I-73



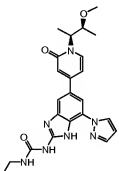
I-74



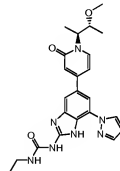
I-75



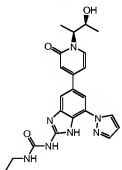
I-76



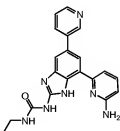
I-77



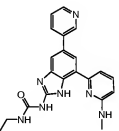
I-78



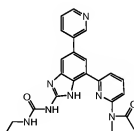
I-79



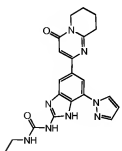
I-80



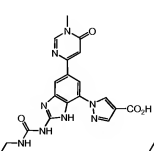
I-81



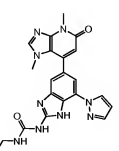
I-82



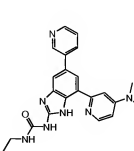
I-83



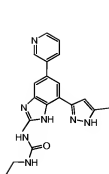
I-84



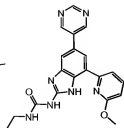
I-85



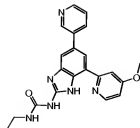
I-86



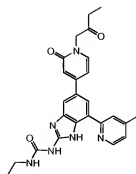
I-87



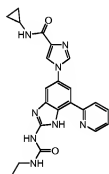
I-88



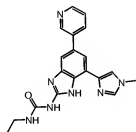
I-89



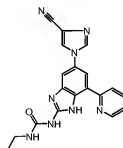
I-90



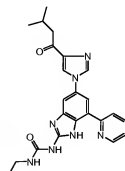
I-91



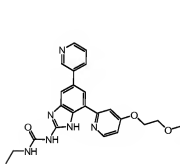
I-92



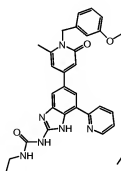
I-93



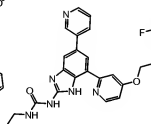
I-94



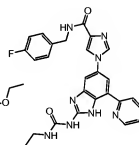
I-95



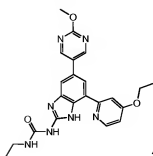
I-96



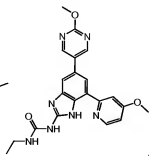
I-97



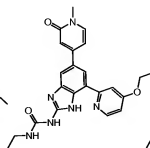
I-98



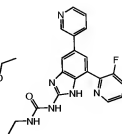
I-99



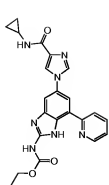
I-100



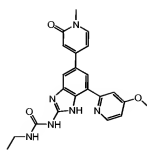
I-101



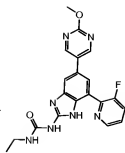
I-102



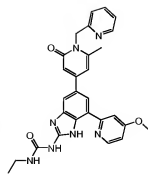
I-103



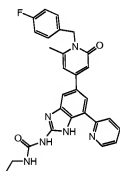
I-104



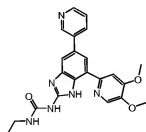
I-105



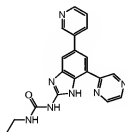
I-106



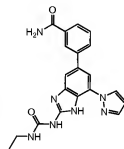
I-107



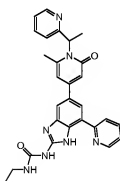
I-108



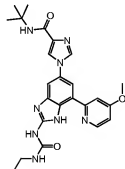
I-109



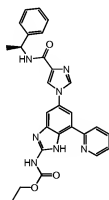
I-110



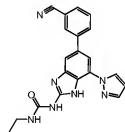
I-111



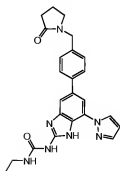
I-112



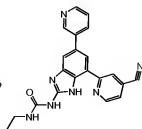
I-113



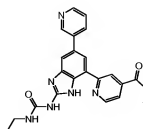
I-114



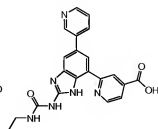
I-115



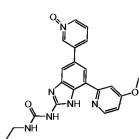
I-116



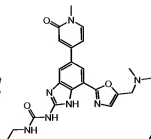
I-117



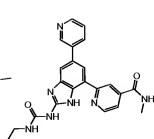
I-118



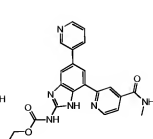
I-119



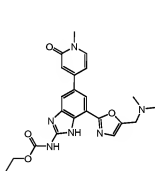
I-120



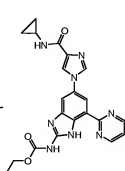
I-121



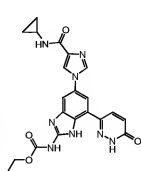
I-122



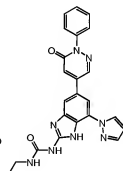
I-123



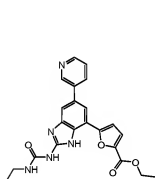
I-124



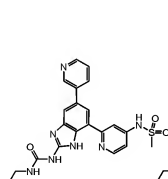
I-125



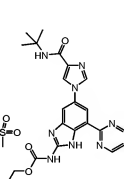
I-126



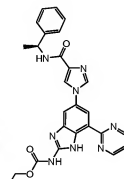
I-127



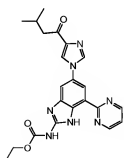
I-128



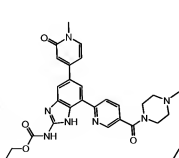
I-129



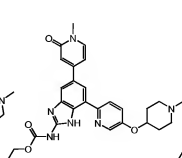
I-130



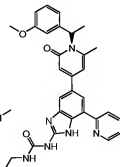
I-131



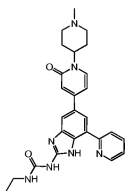
I-132



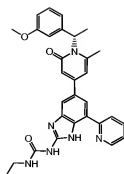
I-133



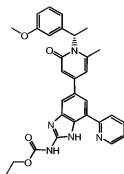
I-134



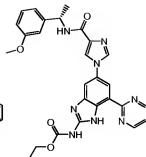
I-135



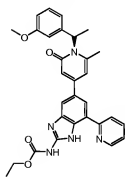
I-136



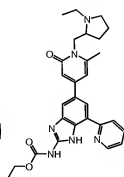
I-137



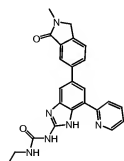
I-138



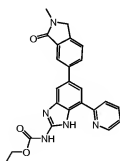
I-139



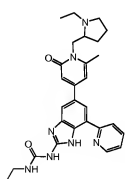
I-140



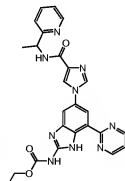
I-141



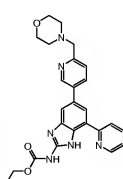
I-142



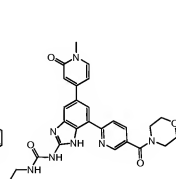
I-143



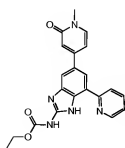
I-144



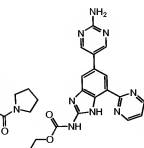
I-145



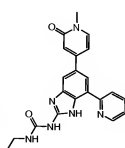
I-146



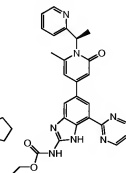
I-147



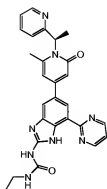
I-148



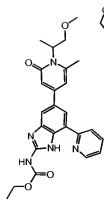
I-149



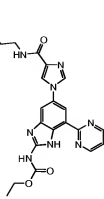
I-150



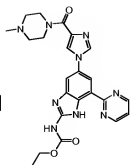
I-151



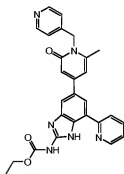
I-152



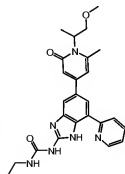
I-153



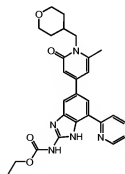
I-154



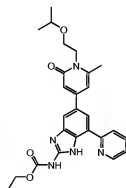
I-155



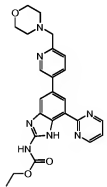
I-156



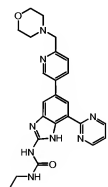
I-157



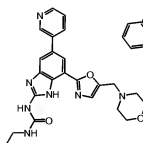
I-158



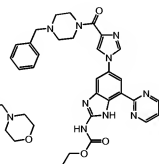
I-159



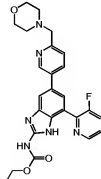
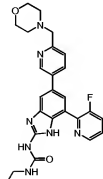
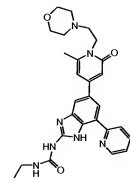
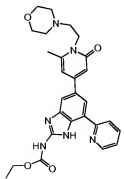
I-160

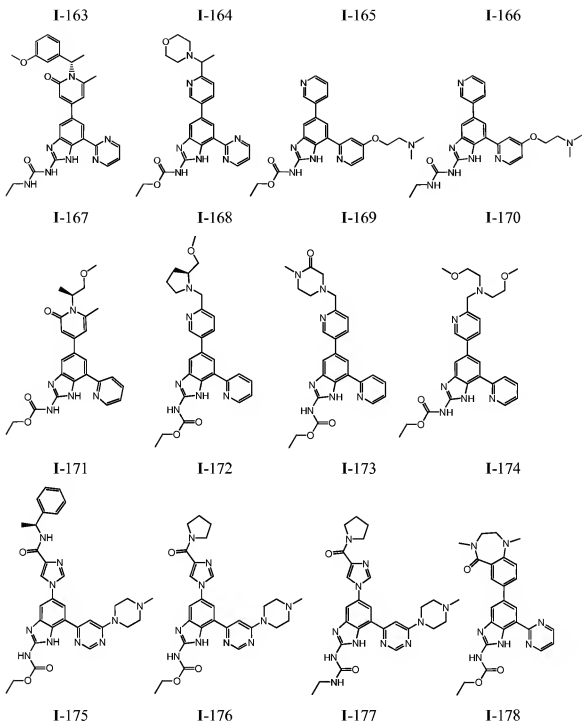


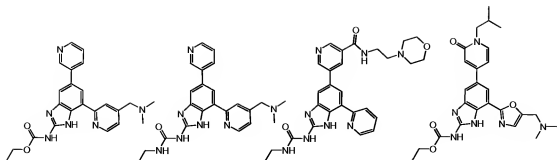
I-161



I-162





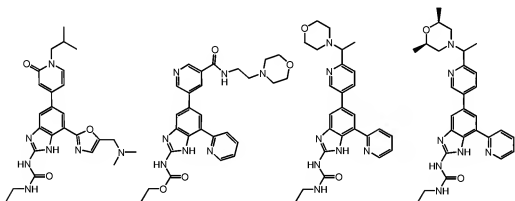


I-179

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I-181

I-182

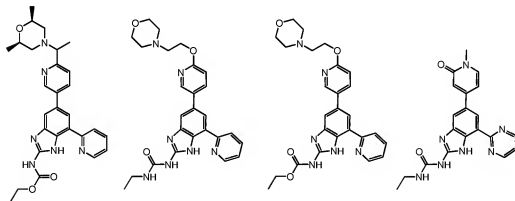


I-183

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I-185

I-186

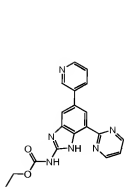


I-187

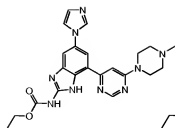
I-188

I-189

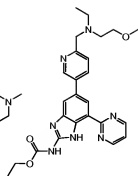
I-190



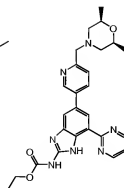
I-191



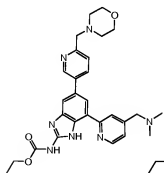
I-192



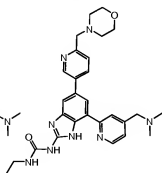
I-193



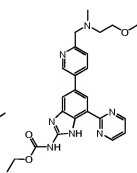
I-194



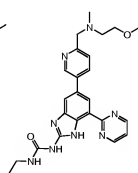
I-195



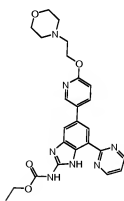
I-196



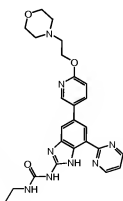
I-197



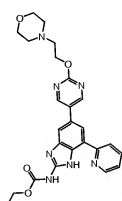
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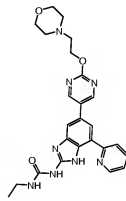
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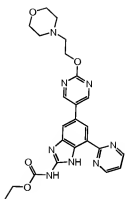
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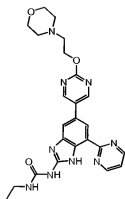
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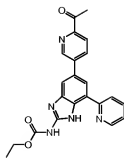
I-202



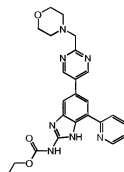
I-203



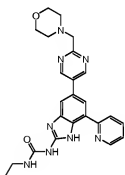
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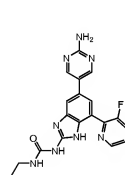
I-205



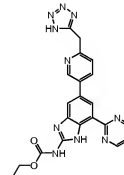
I-206



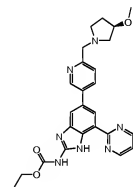
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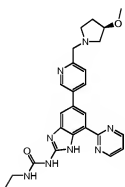
I-208



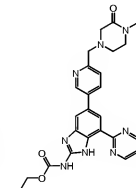
I-209



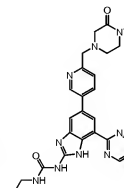
I-210



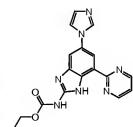
I-211



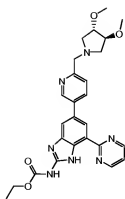
I-212



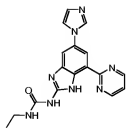
I-213



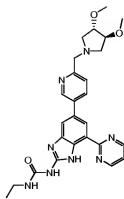
I-214



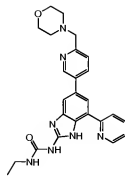
I-215



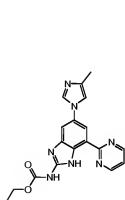
I-216



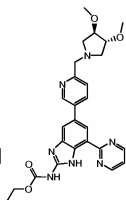
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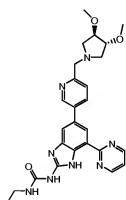
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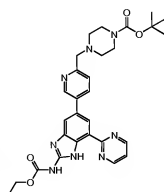
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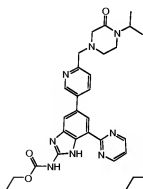
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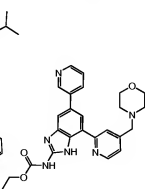
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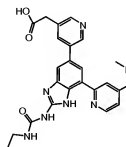
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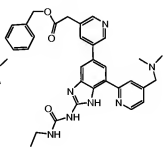
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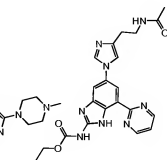
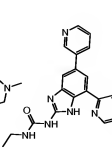
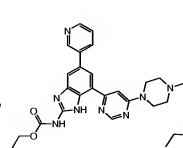
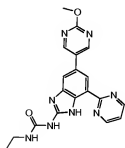
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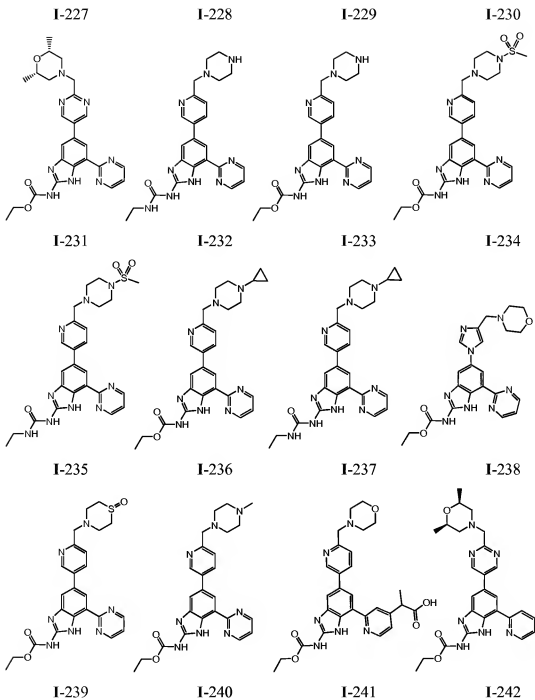


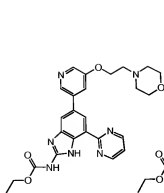
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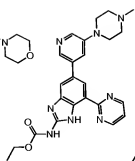
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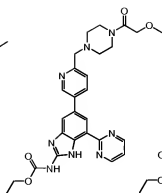




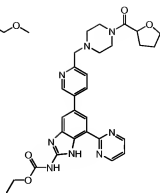
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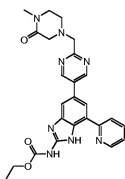
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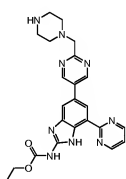
I-245



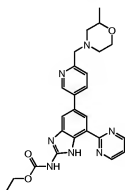
I-246



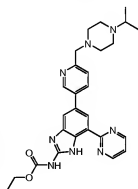
I-247



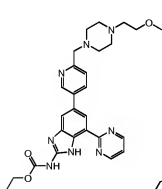
I-248



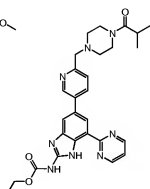
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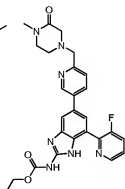
I-250



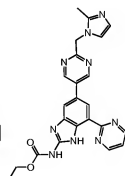
I-251



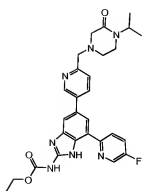
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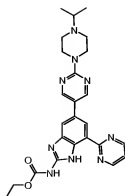
I-253



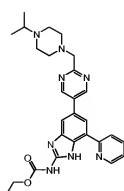
I-254



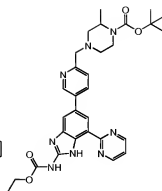
I-255



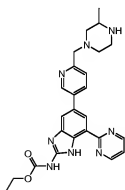
I-256



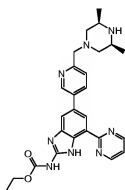
I-257



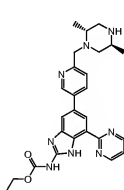
I-258



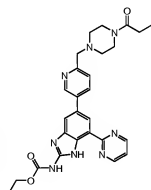
I-259



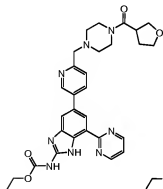
I-260



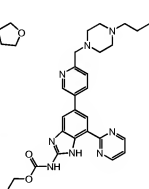
I-261



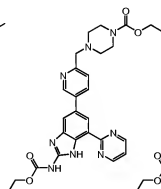
I-262



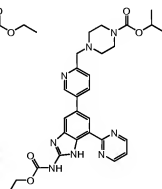
I-263



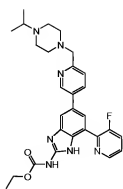
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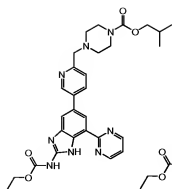
I-265



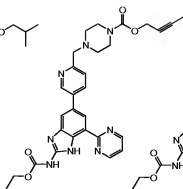
I-266



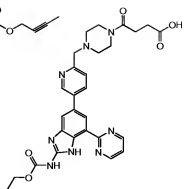
I-267



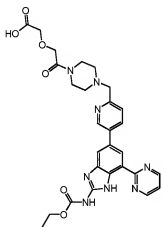
I-268



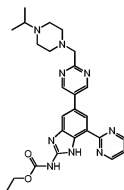
I-269



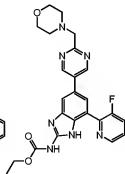
I-270



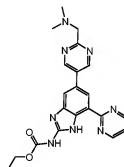
I-271



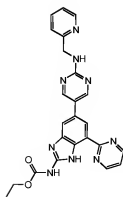
I-272



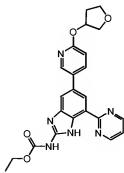
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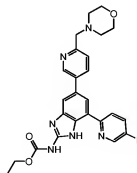
I-274



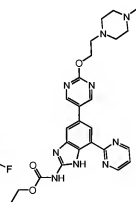
I-275



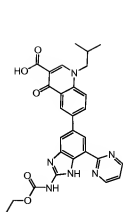
I-276



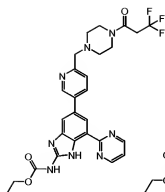
I-277



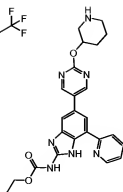
I-278



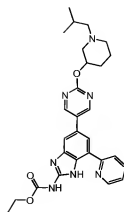
I-279



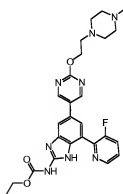
I-280



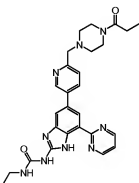
I-281



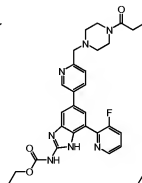
I-282



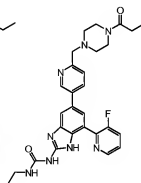
I-283



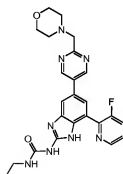
I-284



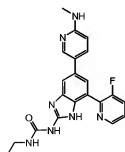
I-285



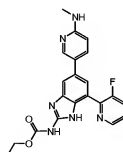
I-286



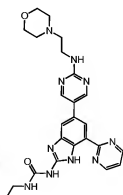
I-287



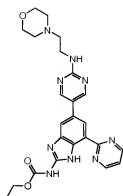
I-288



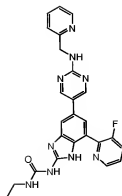
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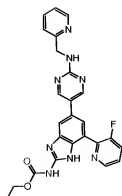
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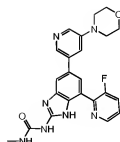
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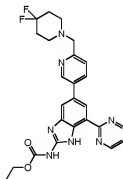
I-292



I-293



I-294



and I-295.

21. (Currently amended) A composition comprising a compound according to claim 1 or claim 20, and a pharmaceutically acceptable carrier, adjuvant, or vehicle.

22-25. (Canceled)

26. (Currently amended) A method of decreasing *Staphylococcus aureus*, *Enterococcus faecalis*, or *Streptococcus pneumoniae* bacterial quantity in a patient, comprising the step of administering to said patient:

- a) a composition according to claim 21; or
- b) a compound according to claim 1.

27. (Canceled)

28. (Currently amended) A method of treating or lessening the severity of a *Staphylococcus aureus*, *Enterococcus faecalis*, or *Streptococcus pneumoniae* bacterial infection in a patient, comprising the step of administering to said patient:

a) a composition according to claim 21; or

b) a compound according to claim 1;

~~wherein the bacterial infection to be treated is characterized by the presence of one or more of the following: *Streptococcus pneumoniae*, *Streptococcus pyogenes*, *Enterococcus faecalis*, *Enterococcus faecium*, *Staphylococcus aureus*, *Coag. Neg. Staph.*, *Bacillus anthracis*, or *Staphylococcus epidermidis*.~~

29. (Original) The method according to claim 28, wherein the bacterial infection to be treated is selected from one or more of the following: a urinary tract infection, a respiratory infection, pneumonia, prostatitis, a skin or soft tissue infection, an intra-abdominal infection, a blood stream infection, or an infection of febrile neutropenic patients.

30-31. (Canceled)

32. (Currently amended) A method of preventing a *Staphylococcus aureus*, *Enterococcus faecalis*, or *Streptococcus pneumoniae* bacterial infection in a patient, comprising the step of administering to said patient:

a) a composition according to claim 21; or

b) a compound according to claim 1;

~~wherein the bacterial infection to be prevented is characterized by one or more of the following organisms: *Streptococcus pneumoniae*, *Streptococcus pyogenes*, *Enterococcus faecalis*, *Enterococcus faecium*, *Staphylococcus aureus*, *Coag. Neg. Staph.*, *Bacillus anthracis*, or *Staphylococcus epidermidis*.~~